

Serial No. 10/796,042
Art Unit 2856

REMARKS

Claims 1 and 3-8 have been amended.

Claim 1 has been amended to introduce the housing (renamed as enclosure) as an explicit element of the claim, rather than introduce the housing in the preamble. The purpose of the device has been amended to "for use in actively detecting, capturing, and reporting", which the Applicant submits is simply a clarification of what was previously described as "monitoring", but in any event finds support in paragraph 22. The language describing the shape of the enclosure as being the same as that of the articles has been made more clear, replacing the phrase "a housing designed to be embedded with said articles" with "an enclosure designed to emulate the physical configuration of the articles". The Applicant submits that this is mostly just a clarification of language, but in any case support can be found for example in the first sentence of paragraph 30: "the enclosure, in the form of one of the monitored articles".

Claim 3 has been amended to clarify language. Claim 3 has also been amended to indicate that that shape of the enclosure is "designed so as to enable embedding of the device with the articles without disrupting or altering the industrial process under measurement", support for which can be inferred for example from paragraphs 81 and 83.

Claim 4 has been amended to recite "two enclosure portions" rather than a first housing and a second housing, and to further define the retaining means. Support can be found at paragraph 36.

Claim 5 has been amended to remove the condition that the printed circuit boards are soldered at right angles to each other. Support can be found at paragraph 53, which states that "the printed circuit boards themselves may be used for providing reinforcing strength", and that "the printed circuit boards may be soldered together at right angles" (emphasis added). Claim 5 has also been amended to state that the printed circuit boards include the electronic components of the device. Support for this can be found at paragraphs 39-42 and 48.

Claim 6 has been amended to remove two of the sensor types from the list of possible sensor types.

In addition, claims 4 to 6 have been amended to be dependent on claim 1 rather than on claim 3.